

Proceedings of the Iowa Academy of Science

Volume 42 | Annual Issue

Article 73

1935

Operating Characteristics of Vapor-Type Vacuum Pumps

L. E. Pinney

Iowa State College

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Recommended Citation

Pinney, L. E. (1935) "Operating Characteristics of Vapor-Type Vacuum Pumps," *Proceedings of the Iowa Academy of Science*, 42(1), 157-157.

Available at: <https://scholarworks.uni.edu/pias/vol42/iss1/73>

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Large groups of students have been used whose physics intelligence coefficients were known. Part of the group has been used to hear the lecture while the rest were writing an examination over laboratory work in another part of the building. The results are very disquieting for those who have deep faith in the lecture method.

DEPARTMENT OF PHYSICS,
STATE UNIVERSITY OF IOWA,
IOWA CITY, IOWA.

OPERATING CHARACTERISTICS OF VAPOR-TYPE VACUUM PUMPS

L. E. PINNEY

Pumps using mercury, n-butyl phthalate, and Apiezon oil have been tested for effectiveness against various fore pressures. Special designs have been worked out for use with Apiezon oil.

DEPARTMENT OF PHYSICS,
IOWA STATE COLLEGE,
AMES, IOWA.

PHOTOCELLS FOR LABORATORY USE

L. E. PINNEY

Cells having various types of composite coatings have been prepared. Particular attention has been given to better insulation and greater stability than is found in commercial cells.

DEPARTMENT OF PHYSICS,
IOWA STATE COLLEGE,
AMES, IOWA.